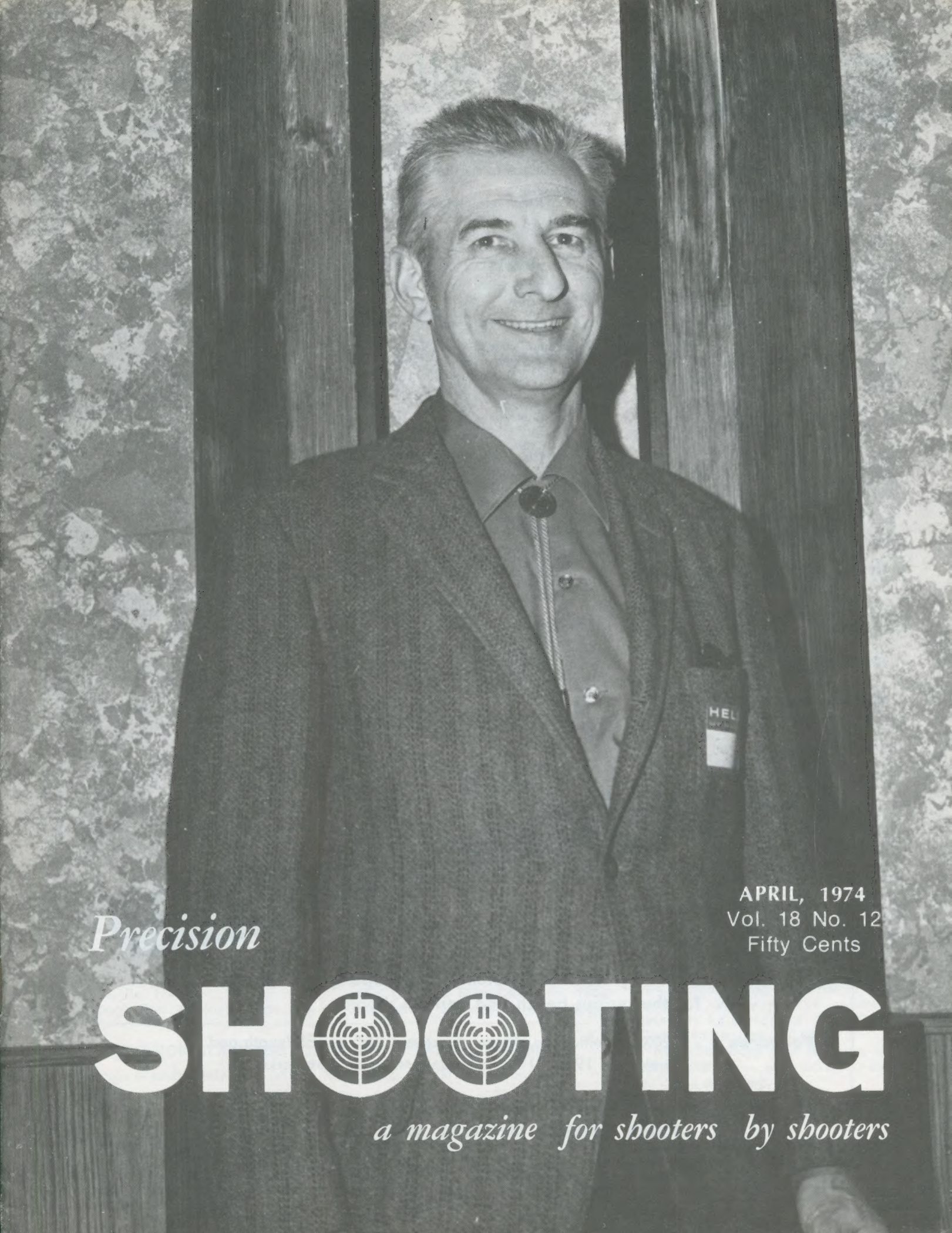

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SHOOTING

a magazine for shooters by shooters

PRECISION SHOOTING

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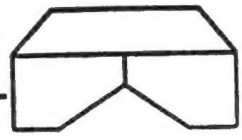

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"The Editor's Hour"

As this column is being written the time of the NRA convention is drawing near. Preparations by IBS and Precision Shooting are taking shape so this will be a rather abbreviated spot.

Several important items carry notes for inclusion in this space so now is a good time to get them to you.

At the IBS Winter Meeting we were fortunate in having Mr. Richard Beaulieu, from Lyman Products for Shooters, as our guest speaker and the results of that visit are very interesting.

Instead of giving a long speech about something, or everything, he made a few introductory remarks and proceeded to ask all of the shooters present if he could have their comments and wishes on new and better scopes for benchrest shooting. He stated that he feels the sport of benchrest shooting has reached a degree of sophistication where it now surpasses the abilities of some of the optics used.

His plan, and it is unique, is to have us present him with the ideas that we feel are essential for improvement of optics and he will attempt to incorporate them into the new Lyman scopes for target shooters.

To aid in the gathering of information he passed out a questionnaire and asked that each person present fill it out and return it to him. Since that meeting I have passed out about 100 more of these forms to interested parties. From this preliminary form Dick will compile a better sheet and, perhaps, use the pages of Precision Shooting to put it before the maximum number of good shooters for evaulation.

The ultimate product should be a scope that meets most, if not all, of the needs of the target shooter.

To obtain a copy drop Dick a note at Lyman Products for Shooters, Route 147, Middlefield, Conn. 06455.

Precision Shooting, at the suggestion of George Wachmann, is going to begin making some contacts with our shooting friends in other countries and we will be attempting to present an "International Corner" which will deal with incidents, adventures and news from all corners of the globe. This feature may become permanent or it may be only an occasional thing but we feel it is of value to all shooters.

If you feel that you have something of interest to share along these lines why not ship it off to us and we will include it in the "International Corner".

Included in this issue is a short report on the Canadian shooting scene as reported by Reg Gale. As news is made available we will see that you receive it from north-of-the-border. Watch for the maple leaf!

COVER STORY

Our cover this month, taken at the IBS Winter Meeting, features Mr. Guy Green from Hughsville, Pa. Guy recently achieved a very unique position in that he is the first IBS shooter to win the Hunter class for two consecutive years. Last year Guy turned in a fine performance to take the title. Not to be outdone, he did it again on September 29 and 30 at Dauphin, Pa.

A rather versatile shooter, Guy can be seen at a 1,000 yard benchrest match, a winter shoot at South Creek or at a Hunter match somewhere if one is available. Guy readily professes a liking for the score shoots and it is small wonder for he does so well at them. Blessed with good nerves, fine eyesight, a nice disposition and his own Gunshop, Guy is a favorite wherever he may go and many shooters were pulling for him to repeat as Hunter Champion. He did not let them down.

To win the two titles Guy used the same rifle, a .308 Winchester, which he admits to saving for special shoots, which was promptly placed in storage till next year.

It is a Remington 722 action which carries a one in fourteen twist Hart barrel that is 21 inches long and within limits for the Hunter class. The stock is a regular Remington 722 stock which has sides laminated on the forend to make it a bit more steady.

The scope is a Pecar 6X with 3/4" dot below a 1" center dot in Weaver mounts.

The load is 39 gr. of 4064 in Norma cases which are Alcan primed and carry Sierra 168 gr. Match bullets seated to a length of 2.857.

With a long time till the Hunter Championships we can all wonder. Will Guy make it number three? That would be some record.

Photo by R.R. Moorhead

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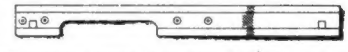

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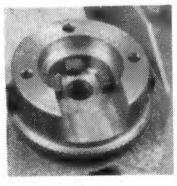
TREASURY DEPARTMENT DISCOURAGES PURCHASE OF NORMA BY REMINGTON

The long-rumored negotiations for the purchase of Norma Projektilfabrik Amotfors, Sweden, by Remington Arms Co., Inc., have been terminated according to a NORMA spokesman in the U.S. Although neither company made any public announcement relative to the proposed purchase, a number of stories appeared in the press in 1973.

According to Mr. Even H. Sheldon, President of General Sporting Goods Corp. of Lansing, N.Y., distributor of NORMA ammunition in the United States, an offer to purchase NORMA was made in May, 1973.

"Sales of this magnitude are not consummated in a single day," Mr. Sheldon noted, pointing out that, because of international aspects of the transaction, negotiations would have necessarily extended over a lengthly period of time. However, because the U.S. Department of Justice felt that a combination of these two companies, might have a restrictive effect on competition, negotiations were halted. Remington has since withdrawn its original offer, dialogue between the two companies has been terminated and it is "business as usual" for both.

NORMA-PRECISION, a division of General Sporting Goods Corp., will continue to represent Norma Projektilfabrik in the United States, while Norma Projektilfabrik will remain Remington's representative in Scandinavia as it has for a number of years.



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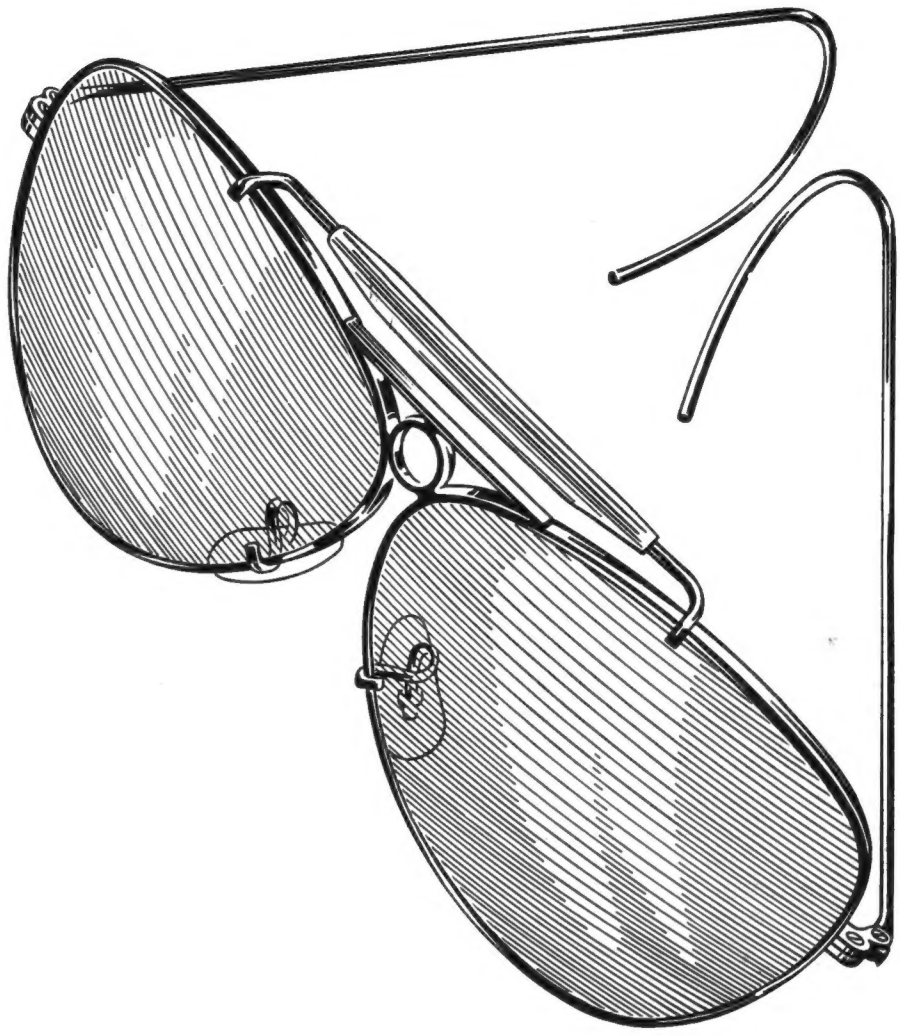

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Technical Column

M.H. Walker
Technical Editor
R.D. 1, Warren Road
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TECHNIQUE?

As you probably know by now this isn't my first letter to you. I apologize for taking up your time, but I am new to the game of precision shooting and where I live is quite sterile of first hand advice or information.

I just recently subscribed to PS magazine and ordered Page's new book. My first love in guns has become target and varmint rifles. It seems that the more I learn about precision shooting, the more I realize I don't know.

Upon your earlier advice I had Clyde Hart barrel a 700 action in 22/250 and bed the unit in a Flashy Royal laminated thumbhole stock. It weighs 11 pounds with its 24 inch barrel and Leupold 12X scope. I am happy with the results, but feel that things could be better. I'm getting very consistent 1/2" five shot groups at 100 yards, but I don't feel this is the guns final potential. I know that much depends on the shooter, but I honestly feel that I am doing my part.

I normally shoot from the ground across a 100 yard pit. My rest consists of a conglomeration of feather pillows which is quite steady with the toe of the stock steadied against a thin pad on the ground. Actually, it would seem that pillows would make a better rest than sandbags since they are softer and the rifle wouldn't tend to "vibrate or bounce" from them; but obviously this isn't so. I squeeze the trigger with both eyes open and often see the muzzle flash thru the scope. Can you spot any flaw in my technique?

My second question centers around bullet selection. Oddly, the rifle seems to shoot just as well with the 55 grain Hornady SX as with Sierra and Remington match bullets. This rifle is not an anomalie as my Sako 22/250 HB does the same. This baffles me as I know the Remington and Sierras are supposed to be superior quality. The Hornady secant—ogive design gives the bullet a greater bearing surface. Would that matter in a higher velocity round such as the 22/250?

And lastly, if I decided to have the rifle accurized who would you recommend? Any other hints would be highly appreciated. Thanks again for your time and help.

Mr. Rick Lasseter
212 W. Moore Street
Valdosta, Georgia 31601

Your 22-250, if properly set up and properly loaded, should produce better than 1/2" averages at least on certain days. If you are unable to tell the difference between match grade bullets and regular varmint bullets over the long haul, there is probably something wrong with (1) your loading technique, (2) your rifle bedding, (3) your shooting technique. There are other things of course but these are the most important. Not very many shooters use the .22-250 for competitive bench rest. My own experience with this caliber is limited, so anything said here was gleaned from experience with other calibers.

Is your loaded ammunition straight? After loading, can you roll it on a smooth surface and see no runout in the bullet? How tight is your sizing die? Is it sizing the neck more than is necessary? It is assumed you are neck sizing only. Extra sizing will cause more run out in the loaded round. Have you tried different seating depths? How many different powders have you tried? Some rifles are particular about the powder. Powders useful in the .22-250 are 3031, 4064, 4320, RL11, N203, etc. Check the loading manuals. Do you keep your brass clean so the neck can enter the sizing die without interference? Some rifles prefer long bearing bullets, usually those with a relatively long throat; others prefer short bearing bullets. The load being used has something to do with this. Usually a slow burning powder for the case will do better with long bearing bullets.

If you want to have the bedding in your rifle checked try Mr. Clyde Hart. This is about the only accurizing possible.

On shooting technique, try a sand bag under the fore-end and under the butt just in front of the toe of the stock. You should find this easier to hold and of more consistent recoil characteristics. Try applying as little pressure to the rifle as possible. Raise your cheek off the comb and apply as little pressure as possible on the grip. Some combinations shoot well with shoulder pressure; others shoot better without. Good luck!

M.H.W.

WHICH WAY TO GO?

As a new shooter I attended the Nationals at Wapwollopen. It was a pleasurable experience to say the least.

At the shoot I had observed much of the equipment used by the "name" shooters. The one par-

ticular case that has me puzzled was based on the .223 Rem., but with a 40° shoulder. The neck was turned so that a bullet would just slide inside it and be stopped by a "step" approximately 1/4 the way up the neck from the shoulder. I assume that the chamber was such that the case did not expand at firing and to load the case one has just to re-prime, re-powder and insert a bullet with fingers.

What is the advantage of this arrangement? I can see that you would have constant pressure on the bullet from shot to shot but I'm assuming that when each round is chambered **Great Care** is given to ensure that the bullet does not move forward in the case to touch the lands — right? Or is the "step" positioned to cause the bullet to just touch the lands?

Is there an advantage to sharp shouldered cases like the 22-35, 22-40, 22-45?

I understand the 40XB-BR 20 inch 10 1/2 lb. LV rifle groups a bit tighter (on average) than the 26 inch HV 13 1/2 lb. rifle. I'm told this is due to the shorter stiffer barrel. Fiction or fact?

If the 20 inch 40XB-BR does group tighter, why don't more shooters use it in both the LV and HV matches. It should be easy enough to add a metal plate to the bottom of the forearm to increase the weight to 13 1/2 lbs. or so.

What is the current waiting period on the 40XB-BR with 2 oz. trigger?

Thank you for your help.

Mr. Steve Myers
2 Shepherd Road
Franklin, Mass. 02038

If you are willing to spend the time and effort needed to get the tight necked case idea going and to keep it working, there may be some advantage. Certainly you would no longer have neck tension variation. Cases should last longer if the sharper shoulder prevents increases in case length and/or neck wall thickness. This system has been used by several good shooters, but they are not winning any more consistently than some of the good shooters using standard reloading systems.

Several of us tried this system on the .222 1/2 some years ago. The standard 23° shoulder did not prevent some lengthening in case necks and small increase in neck wall thickness. As a result much time and effort was needed in case neck turning to keep the system working. Don't know why we didn't think of a steeper shoulder.

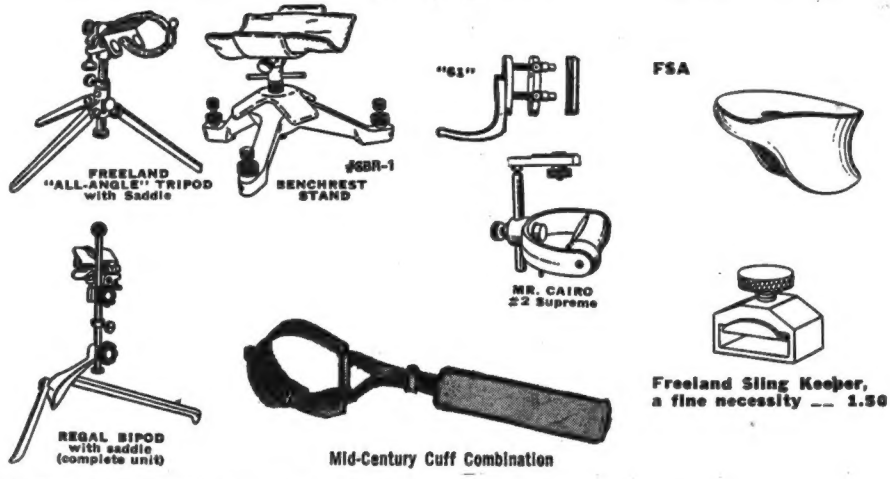
The current delivery on 40XB-BR is running about six months. In the .222 and .222 Magnum the short barrels shoot as well as the longer heavier barrels. This is not true in other calibers particularly the 6x47 and the .308. However, there are arguments both ways. It is generally easier to shoot a heavy rifle well over a day's shooting. Nevertheless, there are a few shooters who feel that using the same rifle all the way is the better way to go. So, they use the 10-1/2 lb. 6x47 for everything. Make your own choice!

M.H.W.

FREE RIFLE THOUGHTS

I'm going to ask you a series of questions on a virtually unspoken

FOR THE SHOOTER BY A SHOOTER



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field that only a handful of shooters can **answer correctly.** The question is what caliber for a 300 meter free rifle and why? I realize the .30 calibers are the most accurate for that distance. I also assume that the 6X47 can do a good job if there is little wind to contend with. As you know the course of fire is 120 shots plus sighters in the 3 positions. Some shooters who practice more often than I can handle the heavy recoil and noise level of the .30 caliber. I cannot, and as a matter of fact, most of the top shooters in this country admit to the same problem. For some related reason this problem is paramount in the standing position.

Considering that the 10 ring is 3.9 inches at 300 meters and that the rifle is being fired from the shoulder, theoretically a rifle should be able to group 2 1/2 inches or less from rest. In effect what we would like is a rifle that shoots like a .30 caliber and has the recoil of a .222 . . . the impossible dream.

Out of the entire spectrum of calibers available today, there must be one or two that you can say are "it". I have asked this question before to a supposedly knowledgeable person and was disappointed by his vague reply. The answer I got was 6 different calibers . . . this I already knew. If I had the funds to try them all, I would. To sum up a rifle to meet these requirements:

1. Moderate recoil.
2. Availability of good bullets (by what bullet maker)
3. Very accurate to 300 meters.

Thank you. I await your reply.

P.S. It's impractical to clean a free rifle after every 20 shots. It seems the benchrest people are strong on this point. What would happen to a barrel if it is so "neglected"?

Mr. Joseph Incantalupo
1690 Massenet Avenue
Chomedey East
Laval, Quebec, Canada

When the Army Advanced Marksmanship Unit became interested in International 300 meter in the late 50's much work was done on a 6mm as well as the .308. The result of this work was the choice of the .308 mainly due to the availability of good bullets. The 168-grain and 190-grain HPBT were developed at that time using Biehler and Astles bullet dies. These bullets were eventually made by Remington and Sierra. An attempt was made to accomplish the same results with the 6mm International, a case based on the .250 Savage. The results were not as good because the bullet jackets were not as good and further development of the 6mm was dropped.

The 6x47 was first used at bench rest in 1961 and won the Sporter championship. It has been improved consistently since that time but the biggest improvement was the introduction of the Detsch 70-grain bullet. Clarence Detsch is located at 133 Larch Road, St. Marys, Pa. 15857. The 70-grain hollow point short boat tail bullet is by far the most accurate presently availab.e It does leave something to be desired in bad wind conditions. To equal the .308 in the wind a 6mm would require a well shaped bullet of at least 90 grains at a velocity of approximately 3200 feet per second. This velocity is available or close to it, in a 26" to 28" barrel with the 70-grain in the 6x47. The 90-grain requires a case size similar to the 6mm International to get 3200.

If you are not going to be concerned with the wind, the 6x47 with Detsch bullets should be one of the most satisfactory cartridges for 300 meter target. You should realize, however, that the 6x47 in most rifles requires exactly the right load, seating depth, etc., to shoot the way many bench shooters are shooting with it. It is not as infallible to hand loading procedures as a cartridge such as the .222.

Cleaning is important to maintain good accuracy. It is my impression that 300 meter shooters are given enough time to clean rifles between stages. This would allow cleaning either after 20 record shots or 40 record shots. A good Hoppe's and wire brush cleaning at either of these intervals should keep the powder fouling from building up to hurt accuracy over the life of the barrel. 1/2 minute of angle accuracy or better should be available under these conditions. If you want to approach 1/4 minute of angle, cleaning more often is necessary with most rifles and powders.

M.H.W.

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July 1972 Issue

CANADIAN BENCH REST NEWS

by Reg Gale

Bench rest above the border is alive and thriving! It has been quite a number of months since news of our activity has found its way to you through Precision Shooting and that is entirely the fault of this reporter. It seems we have been so busy developing our organization and tending to other matters that no one has found the time to bring our United States friends and counterparts up to date. We will make a concerted effort to forward a regular report on Canadian developments.

1973 saw our membership in Bench Rest Shooters Canada grow to an all time high of 130. About fifty percent of these members are active participants in bench rest shooting, the other half seem more content to follow the action from the armchair, reading match results and other events which are covered in our official Canadian publication — The B.R.S. News. Along with a most encouraging gain in membership, 1973 was the year in which we launched our Canadian Newsletter on a large scale, covering all B.R.S.C. Registered matches and most un-registered shoots, complete equipment information as used by all competitors, winners or losers, and keeping all members informed on rules and regulations, postal match results and Executive decisions.

The Executive started action on the incorporation of the Canadian organization and that should be finalized early this year. In December the Executive of the Western Region and the Eastern Region met in Winnipeg for the first of what may become annual Executive meetings. Plans were laid for our continued expansion in 1974, the I.B.S. Rulebook was adopted as our official set of rules, the Executive will continue to serve in their respective capacities until the next election of officers in October of 1974.

According to information available at this time Canada will hold at least ten, possibly more, registered bench rest matches this year. New registered status ranges are being developed in London, Ontario and Vancouver, British Columbia. At this time the only ranges equipped to host registered matches are Stittsville Shooting Ranges near Ottawa, Ontario; Twin City Rifle Club, Waterloo, Ontario; and the Namaka Bench Rest Shooters Club near Strathmore, Alberta. Many Precision Shooting readers are familiar with the Stittsville Range having competed there in various B.R.S.C. and I.B.S. registered events.

Perhaps one of the most noteworthy developments on the Candian scene has been the phenomenal increase in top quality bench rest equipment finding its' way to Canadian competitors. Properly built rifles of the highest order are now commonplace at all Canadian matches and there is every indication that this is a trend that will not stop for some time yet. We have been fortunate in having available in Canada an excellent source of superbly accurate bench rest bullets as manufactured by McCracken in Calgary, Alberta. Other suppliers and dealers have kept a good inventory of necessary supplies and equipment and this availability has done much to encourage new shooters along the path to success.

We look forward to shooting with many of our American friends at Canadian and U.S. matches this coming season and again competing in the I.B.S. International Postal Match later this summer. Our Western Region members are anticipating an exciting year competing with our friends in the N.B.R.S.A. as most of them are closer to N.B.R.S.A. ranges than they are to Eastern Region and I.B.S. Ranges. Undoubtedly, the upcoming Super Shoot II at Council Cup will see large numbers from all three organizations getting together for competition and exchange of views. There are circumstances where a country of this size is a detriment to permitting each member to get to know the other in a personal way. We do compete against each other through our own B.R.S.C. Winter Postal which was extremely successful last year and will evidently repeat that success again this year.

It's difficult to cover all the small details or our development in the space available here but we have done our best to give you a brief idea of our encouraging progress to date. As editor of the official Canadian newsletter of B.R.S.C. I will make available sample copies of our monthly publication to any interested shooter or reader who cares to get a detailed report of our achievements and disposition. In it you will find our Executive Directory, membership details, and other pertinent data relevant to the operation of Bench Rest Shooters Canada. You may find you want to become a member and follow our developments on a regular basis! Simply drop a post card to the undersigned and I'll forward a back issue or two.

Meanwhile, we'll do our best to keep you aware of our activities through regular, brief reports here in Precision Shooting. I would like to take this opportunity to thank Precision Shooting and the entire I.B.S. Executive for their marvelous co-operation in helping us get into motion and sustain our momentum. Best of luck to all in '74.

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COMMENTS FROM CANADA

by Philip Fyne
177 Bowood Ave.
Toronto M4N-1Y7
Ontario

"The Target Paster Problem And How I Licked It"

No, I don't lick target pasters anymore.

Never again shall I pass my tongue over those 1 inch black and white squares and in the process of doing so lick up dirt and grease which naturally adheres to the fingers in the course of shooting.

But the fear of swallowing a bit of grime from the fingers is not the reason for abandoning the target paster licking. The reason is that it always was a problem not only to affix them firmly over the bullet holes but to have them stay there. After licking and applying those pasters over the bullet holes as best I could (and this WAS a problem with most of the backing shot away) and returning to the firing line, it was exasperating to find, after close examination through the spotter, that a few pasters had come loose and blown away.

This was especially true in dry cool weather when there was difficulty in making them stick at all. So it meant another hike back to the 100 or 200 yd. frames to remedy the situation. Curses!

Perhaps I should use fresh targets each time and forget about target pasters but as I fire many rounds in practice offhand at 100 and 200 yds. it certainly is more economical to paste them up. Surely if I did all of my firing from the prone position I could dispense with the white pasters, but as I fire solely in the offhand position (except for testing loads) I need lots of white ones.

However, it could be that my pasters had an inferior glue coating. Nevertheless glue tastes none too good whether inferior or superior and certainly not finger lickin' good, or good enough to want to go on licking it forever. So I searched for some other means of covering over my bullet holes.

Finally something buzzed in my brain and I had 50% of the problem licked. I started using masking tape to cover the holes in the white. What a simple thing, quick and easy! Not a perfect match, of course, with masking tape being amber and target paper white — but who needs to be fashionable. So much for the white. Now for the black.

I searched and searched and researched for black masking tape but none could be found. "Who ever heard of black masking tape", they'd say. "Well', I'd say, "masking tape should come in various colors . . . could be very decorative and useful in that respect". I'd never mention that I wanted the black tape to cover over bullet holes. They'd never understand!

So my black paster problem looked very black indeed until one day while shopping I spied it and then and there I had the other 50% of the paster problem licked. Self-sticking vinyl shelf paper that peels off a backing and comes in various colors and designs. At first I chose only solid black for my purpose but after seeing how wonderfully easy it worked to quickly cover bullet holes even with most of the backing shot away, I use it in white too for a nifty, natty, neat target patching job. At this writing it is 69 cents per yard up here in Toronto and there is enough in a yard for a yard full of bullet holes.

Here's how to go about preparing it for use most efficiently. Cut off a piece say about 4" x 6" and lay on a flat smooth surface. With a very sharp blade guided by a steel rule cut 1/2" or 3/4" strips very gently through the vinyl but take care NOT TO CUT THROUGH THE BACKING.

Then criss-cross and cut in the same gentle manner so that you have squares of the above dimensions that need only to be peeled back to detach them.

Just touch them to the bullet holes in the black and white and they are there to stay, hot weather or cold. You can make about 5 or 6 of these prepared pieces and carry them in a stiff cardboard folder which gives you a firm base on which to peel them back and detach them. You'll find that using white and black self-sticking vinyl shelf paper is the neatest, quickest and easiest way to patch up bullet holes.

Do they stick? I should say they do!

Do you lick? I should say you don't!

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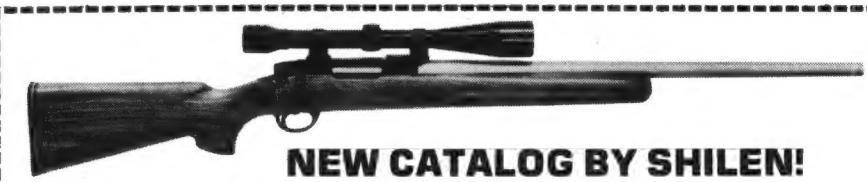

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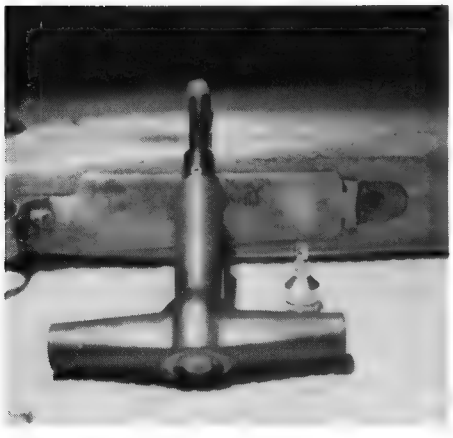
PRODUCT REPORT

JACK DAVIS PRODUCTS
298 W. Taylor St.
San Jose, California
95110

The October 1973 issue carried a report on the Hex Head guard screws as manufactured by Jack Davis for the purpose of replacing the slotted screws which hold a stock and action together. This month we bring you more good news about the Davis line.

Our first look will be at the torque wrench which is used by many shooters in conjunction with the Hex Head screws.

This torque wrench is provided with either a 3/16" or 5/32" Hex socket to match the particular type of screws that you are using. Jack makes the 5/32" variety. The 60 inch-pound torque wrench is applied to the screws just prior to shooting and it is supposed to provide uniform bedding pressure which is an aid to accuracy. This tool, which sells for $20.00, is well made and should offer many years of service.



The torque wrench, when used with the allen head screws can assure that the tension on the bedding remains constant at each use.

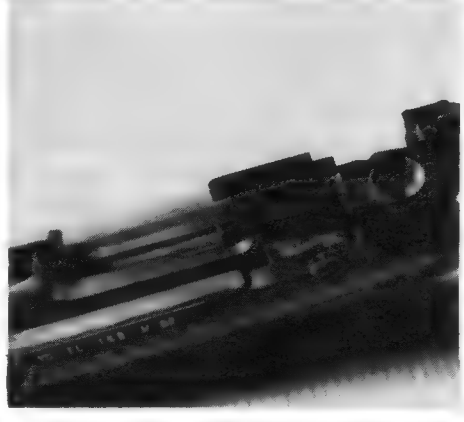
As a check on the functioning of this combination I installed a set of screws in a Model 70 Winchester and tightened them with the hand held wrench provided with the screws. The tension felt correct and uniform. Placing the torque wrench in the screws gave an immediate reaction. The front screw took only a little force to make the clicker indicate the correct tension was reached. The rear screw required more force to reach the desired level.

A repeat of this several days later provided equal results as did several more runs of the same sort. With the approach of the winter heating season a variety of changes could be indicated as the wood dried and the screws had to be tightened. If this was forgotten before a match the uneven tension might just be the difference between winning and being there.

The reverse is true in that the screws should be backed out a little and retightened following a damp spell when the wood might swell and provide excess tension. A check before each match is suggested for best results.

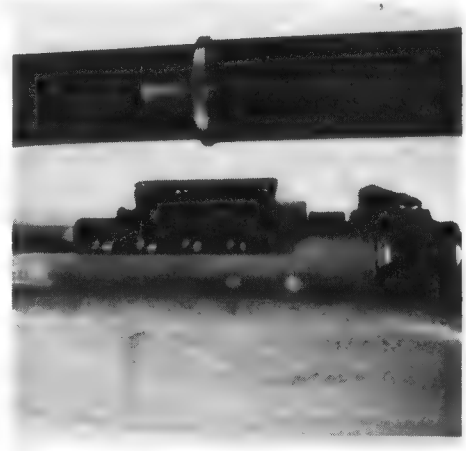
An extremely popular item with the NRA High Power Rifle shooter is the add-on item of a clip slot adapter for the rapid fire events.

Many shooters purchase an action and build their first rifle, only to find that the action did not have the clip slot necessary to facilitate rapid fire loading. Where do they find one??



For the shooter in need of a clip slot adapter for High Power shooting the Jack Davis product should fill the bill.

At one time there were several suppliers of this special item but presently Jack is the only source. For $8.50 he will provide a clip slot adapter which is drilled for standard scope has base screws. The adapter is simply inserted into the holes on the rear receiver ring with two 6 x 48 screws and the rifle will function as expected. When loading the five rounds the clip need not be removed from the slot for it is cut in a manner which will allow the forward motion of the bolt to kick the clip out on the ground. This is a short savings of time in a rapid fire match and is appreciated by the shooter.



Picking a combination clip slot adapter-sight base will be a step in the right direction as this item is well made and you only have one set of screws to check.

Cake is made better with frosting and Jack has just that for the clip slot adapter customer. For $15.00 he will provide his adapter with a sight base milled on the side for the Winchester M-70 rifle with .440 or .860 hole spacing. This combination item is unique in that it eliminates the need for a separate metallic sight base. Just screw on the adapter and — presto — the sight base is sticking right out there where it should be. Not every shooter will need one of these adapters but they are appreciated by the ones who do.

For those shooters who feel a need for this type of accessory for their shooting kit it is noted that the eastern distributor for these products is Mo's Competitor Supplies, 23 Mist Hill Drive, Brookfield, Conn. 06804.

Benchrest Feature

by Lt. Col. Rick Hornbeck
R.D. 1, Box 51
Pine Bush, New York 12566

THE 1973 INTERNATIONAL POSTAL MATCHES

The data and results of the 1973 International Postal Matches have been completed. In addition to Australia, Canada and the United States, England, who became a member of the IBS family during the past year, took part in the 10 1/2 lb. and 13 1/2 lb. rifle classes. Another addition this year was matches for the Benchrest Rifle with Australia, Canada and the U.S. taking part in this new activity.

The U.S.A. Teams were selected from the top performers at the IBS Varmint and Sporter Championships and the Benchrest Rifle Championships. The other nations select their teams in a like manner. England, who has had a number of major problems to overcome, fired their matches during a two month period, the 100 yard matches one month and the 200 yard matches the following month. They had very bad weather conditions for their 200 yard matches, and because of their limited number, had some disqualifications during their Heavy Varmint (13 1/2 lb.) matches.

Australia came very close to the U.S.A. in the Benchrest Rifle Class. There was only .0033" difference in team scores. The one unknown in any of these matches is weather conditions. This factor often makes the final team scores misleading. What might appear as substandard scores and performance is usually the result of range conditions that are better for one team than another. The preselection of match dates by each nation makes this an uncontrollable factor.

Regardless, those that are listed as selected team members for each nation can be considered as the best performers in their respective countries. They will each receive an award which makes them a select group of marksmen. Awards are currently in production and will be shipped to each nation as soon as possible.

The cooperation and coordination by each nation's Postal Match Chairman has made my job as IBS Postal Match Chairman a relatively easy one. My contacts are Harry Madden, of Brisbane, Australia, Peter Taylor of Derby, England and George Wachmann of Oakville, Canada. George is stepping down during the 1974 Postal Matches and his responsibilities are being taken over by Mike Joanisse of Ottawa, Canada. In addition, the prompt and helpful guidance of each nations organiztion officials has made these matches possible.

High points of interest concerning the U.S.A. teams performance are rather interesting. Bob Hart, who is top performer anytime, shot the 10 shot heavy gun course with a 13 1/2 lb. Varmint rifle and turned in a final aggregate of .3948". So I guess we know that Bob Hart is THE top performer in the U.S.A. Behind him, shooting the Experimental Rifle for the first time during the 1973 shooting season, and in his first IBS Championship was Leonard Kleynowski with a .3949", just .0001" behind Bob. In the U.S.A. Heavy Varmint class, Jon Smeigh took top honors with a fine .2750" aggregate. Two members of the Hollister family placed in this class also, John and Myles. And not to be overlooked is a new World Record group shot by Doctor Garcelon.

It might be noted that scores and aggregates for the U.S. teams, as for the other nations, may be listed slightly different than original range results. This is due to all targets being remeasured by the official Measuring Committee before final aggregates are tabulated. Canada and Australia have measuring committees which formulate final results. England lacks this capability at this time and send their targets to the U.S. for final results.

Final team placement was as follows:

Light Varmint

U.S.A.	.3741"
Australia	.4570"
Canada	.4768"
England	.8807"

Heavy Varmint

U.S.A.	.3125"
Australia	.3707"
Canada	.4515"
England	Disq.

Benchrest

U.S.A.	.4137"
Australia	.4170"
Canada	.6293"

In the following data, equipment used in these matches have been listed by class and country. Some interesting trends and changes from the past so far as U.S.A. team member equipment is concerned show up. The 6X47 is the most evident in the 10 1/2 lb. rifle classes (light varmint and sporter). This cartridge has allowed the shooter to have one rifle for both classes. Properly loaded, it performs as well as the .222 in the light varmint class, which was the most widely used in the past. Detsch 70 grain bullets seem to be a major requirement for U.S. team success. And note also that it performs well with a number of powders.

U.S.A. Team members that shoot

1973 INTERNATIONAL POSTAL BENCHREST CHAMPIONSHIP RESULTS
LIGHT VARMINT — 10 1/2 lbs.

1st Place — USA — Team Score .3741"

Art Blensinger	.298	.471	.311	.199	.324	100 yd. .3205"	
	.839	.495	.700	.911	1.025	200 yd. .4050"	.3628"
Roger Burkhart	.451	.337	.433	.418	.321	100 yd. .3920"	
	.691	.925	.591	.753	.529	200 yd. .3489"	.3704"
Jack Deming	.316	.372	.372	.248	.236	100 yd. .3088"	
	.568	.613	.742	.832	1.647	200 yd. .4387"	.3738"
John Matyas	.345	.174	.219	.194	.417	100 yd. .2698"	
	.498	.898	1.284	1.104	1.128	200 yd. .4912"	.3805"
David Smith	.459	.352	.328	.304	.223	100 yd. .3332"	
	1.059	.657	1.667	.541	.400	200 yd. 4325"	.3828"

2nd Place — Australia — Team Score .4570"

Ron Marsden	.332	.187	.550	.367	.279	100 yd. .3430"	
	.619	.546	.786	.694	1.106	200 yd. 3747"	.3588"
Neville Madden	.363	.410	.433	.300	.508	100 yd. .4028"	
	.681	.765	1.212	1.034	.660	200 yd. .4352"	.4190"
John Starkey	.492	.377	.422	.435	.462	100 yd. .4376"	
	.426	1.322	1.450	.914	.834	200 yd. .4946"	.4661"
Randell Miller	.381	.409	.565	.440	.370	100 yd. .4330"	
	1.112	1.305	1.020	1.192	1.266	200 yd. .5895"	.5112"
John Giles	.594	.431	.448	.593	.874	100 yd. .5884"	
	1.000	1.057	.920	1.022	.720	200 yd. .4719"	.5301"

3rd Place — Canada — Team Score .4768"

Nobby Uno	.405	.340	.373	.464	.543	100 yd. .4250"	
	.843	.644	.944	1.064	.885	200 yd. .4380"	.4315"
B. Hobbs, Sr.	.285	.485	.463	.583	.326	100 yd. .4284"	
	1.316	.521	.969	.689	1.333	200 yd. .4828"	.4556"
Reg Gale	.337	.715	.585	.455	.471	100 yd. .5126"	
	.484	1.556	.783	.764	.805	200 yd. 4756"	.4941"
Alex Bulman	.679	.358	.447	.561	.616	100 yd. .5322"	
	.786	.932	1.497	.740	.723	200 yd. 4678"	.5000"
Bob Watson	.324	.386	.357	.597	.844	100 yd. .5016"	
	1.101	.944	1.376	.773	.843	100 yd. .5037"	.5027"

4th Place — England — Team Score .8807"

Peter Taylor	.880	.520	.420	.770	.880	100 yd.. 694"	
	1.940	1.830	1.270	2.420	1.540	200 yd. .900"	.7970"
Mike Evans	.620	.750	.400	.925	.380	100 yd. .615"	
	2.290	2.620	1.580	2.000	2.350	200 yd. 1.084"	.8495"
Barry Clarence	.570	.650	.430	.660	.990	100 yd. .660"	
	2.240	2.040	2.010	2.060	2.740	200 yd. 1.109"	.8845"
Bryan Pybus	.680	1.375	.900	1.190	1.190	100 yd. 1.067"	
	1.960	1.875	2.080	.900	1.200	200 yd. .802"	.9343"
Peter Minion	.650	.480	.880	.630	.660	100 yd. .660"	
	1.900	1.950	1.850	2.660	3.800	200 yd. 1.216"	.9380

the .222 and like cartridges have dropped the use of the longtime popular Sierra 53 grain bullet. Not a single U.S. team member used the Sierra bullet. The sleeved action of one sort or another are very evident. The longtime lead of the Unertl scope has gone and Lyman has taken the lead with its lightweight and custom improved optics. Further review of the data section of this report will bring out other interesting changes from last years data.

The 1974 U.S.A. Postal Team members will be selected in the same manner as they were in 1973. Therefore, if you shoot in the Varmint and Sporter Championships and/or the Benchrest Championships, please maintain tight control of your record targets fired at these Championships. The

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THE ACCURATE RIFLE

BY WARREN PAGE
President
National Shooting Sports Foundation

Ever since the development of gunpowder, riflemen have yearned for the ultimate in rifle accuracy—the ability to put shot after shot through the same identical hole. This brand-new book examines this search for greater accuracy from every aspect and details for target shooters and hunters alike the best procedures for making their rifles superaccurate.

Warren Page, winner of nine national bench rest titles, provides the shooter and hunter with detailed practical information on every subject affecting accuracy and analyzes the techniques employed by competitive shooters in creating the equipment and methods that have produced modern rifles consistently capable of holding their shots within ¼ inch at a hundred yards.

His topics include: Best methods of shooting from a bench rest; the most accurate sights and scopes and their use; the problems created by wind and mirage and how to deal with them; the role of recoil in rifle accuracy; the secrets of bedding a rifle, relating the metal to the wood for peak performance; how to make or select barrels and stocks for the best accuracy; how to select or develop the superaccurate loads that will give the best results in a given rifle.

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targets become the shooters responsibility as soon as they are posted. We must have the record targets for submission to the IBS Measuring Committee. And don't forget that you need not be one of the top five shooters in these Championships to make the Postal Team! If a shooter places in the top five in two different classes, only one set of his targets can be considered for team entry. Acquiring targets from shooters is the only major problem we have had in our Postal Match activities. If we can have your full cooperation and help as far as target control is concerned, Postal Match activities can become a routine procedure. Your targets will be returned to you upon your request. Simply write your name and address on one of the targets.

HEAVY VARMINT — 13 1/2 lb.

1st Place — U.S.A. — Team Score .3125"

Jon Smeigh	.268	.317	.241	.379	.212	100 yd. 2834"	
	.417	.555	.653	.609	.432	200 yd. 2666"	.2750"
Dr. A.H. Garcelon	.409	.324	.084	.309	.345	100 yd. .2932"	
	.653	.775	.367	.694	.851	200 yd. .3340"	.3136"
John Hollister	.218	.351	.387	.340	.341	100 yd. .3274"	
	.481	.920	.760	.432	.541	200 yd. .3134"	.3204"
Dick Ellinger	.229	.229	.383	.259	.253	100 yd. .2846"	
	.594	1.027	.655	.808	.542	200 yd. 3627"	.3237"
Myles Hollister	.207	.394	.422	.249	.163	100 yd. 2870"	
	.669	1.161	.762	.556	.576	200 yd. .3724"	.3297"

2nd Place Australia — Team Score .3707"

Neville Madden	.454	.393	.341	.210	.270	100 yd. .3336"	
	.639	.966	.505	.431	.896	200 yd. .3437"	.3386"
David Billinghurst	.500	.348	.506	.204	.362	100 yd. .3840"	
	1.037	.860	.662	.584	.444	200 yd. .3587"	.3713"
John Giles	.349	.448	.470	.360	.206	100 yd. .3666"	
	.716	.715	.564	.726	1.136	200 yd. .3857"	.3761"
Bill Marden, Jr.	.364	.233	.372	.374	.512	100 yd. .3710"	
	.852	1.014	.548	.816	.676	200 yd. .3906"	.3808"
Mike Gibbons, Sr.	.435	.327	.394	.456	.302	100 yd. .3828"	
	.955	.740	.990	.776	.450	200 yd. .3911"	.3869"

3rd Place — Canada — Team Score .4515"

Charley Wommack	.219	.259	.200	.372	.329	100 yd. .2758"	
	.395	1.451	.918	1.158	1.235	200 yd. .5157"	.3958"
Clint Benedict	.647	.344	.445	.531	.441	100 yd. .4816"	
	.894	.582	1.171	.465	.838	200 yd. 3950"	.4383"
Bob Renn	.476	.355	.754	.496	.534	100 yd. .5230"	
	.753	.572	1.107	.722	.937	200 yd. 4091"	.4661"
Linda Benedict	.200	.426	.368	.760	.547	100 yd. .4602"	
	.610	1.698	.877	.629	1.115	200 yd. 4929"	.4766"
Steve Zibresky	.401	.409	.293	.516	.322	100 yd. .3882"	
	.866	1.446	.784	1.697	.934	200 yd. .5727"	.4805"

4th Place — England — Team Score Disq.

Bryan Pybus	.590	.550	.520	.565	.470	100 yd. .551"	
	1.460	1.800	1.940	1.600	1.480	200 yd. .825"	.6895"
Barry Clarence	1.000	.500	.530	.880	.600	100 yd. .702"	
	1.220	1.080	1.610	2.240	1.185	200 yd. .734"	.7177"
Peter Taylor	.625	1.110	.600	.670	.390	100 yd. .679"	
	2.090	1.840	3.300	2.850	3.640	200 yd. 1.372"	1.0255'
Peter Minion	Disq.	.965	.690	.880	.530	100 yd. —	
	2.030	2.020	2.080	1.720	2.290	200 yd. 1.014"	—
Ian Leetham	.890	.850	.840	.550	1.125	100 yd. .851"	
	1.770	3.390	2.600	2.270	Disq.	200 yd. —	—

BENCHREST RIFLE

1st Place — U.S.A. — Team Score .4137"								
Bob Hart	.477	.300	.280	.417	.353	100 yd.	.3654"	
	.679	1.144	.909	.692	.817	200 yd.	.4243"	.3948"
Leonard Kleynowski	.215	.357	.349	.256	.255	100 yd.	.2864"	
	.807	.987	.838	.945	1.457	200 yd.	.5034"	.3949"
Homer Culver	.401	.348	.481	.398	.465	100 yd.	.4186"	
	.601	.945	.856	.695	.711	200 yd.	.3808"	.3997"
Bob White	.316	.437	.425	.397	.359	100 yd.	.3868"	
	.973	.863	.826	1.245	1.113	200 yd.	.5020"	.4444"
Bob Adamowicz	.352	.333	.389	.366	.440	100 yd.	.3760"	
	1.097	.832	1.138	.904	.966	200 yd.	.4937"	.4348"
2nd Place — Australia — Team Score .4170"								
Ron Marsden	.312	.488	.430	.340	.336	100 yd.	.3812"	
	.712	.657	.678	.549	.485	200 yd.	3081"	.3446"
David Billinghurst	.370	.400	.400	.370	.260	100 yd.	.3600"	
	.863	.648	1.011	.799	.933	200 yd.	.4254"	.3927"
Neville Madden	.400	.388	.454	.276	.434	100 yd.	.3904"	
	.830	.682	.930	.864	1.497	200 yd.	.4803"	.4353"
Bill Marden, Jr.	.399	.455	.496	.650	.449	100 yd.	.4898"	
	1.102	.570	1.005	.494	.835	200 yd.	.4006"	.4452"
Mike Gibbons, Sr.	.366	.464	.490	.512	.474	100 yd.	.4612"	
	.948	1.218	.792	.867	.912	200 yd.	.4737"	.4674"
3rd Place — Canada — Team Score .6293"								
Terry McCracken	.438	.696	.629	.507	.437	100 yd.	.5414"	
	.605	.822	.973	1.227	.724	200 yd.	.4351"	.4883"
Corney Dirks	.295	.308	.370	.319	.297	100 yd.	.3178"	
	.945	1.473	2.126	1.510	.734	200 yd.	.6788"	.4983"
Clint Benedict	.284	.487	.498	.680	.639	100 yd.	.5176"	
	1.551	1.365	1.079	1.238	1.453	200 yd.	.6686"	.5931"
Mike Joanisse	.659	.457	.526	.555	.921	100 yd.	.6236"	
	1.321	1.673	1.882	1.483	2.287	200 yd.	.8646"	.7441"
Ray Thomas	.577	.443	.686	.753	.753	100 yd.	.6424"	
	1.585	1.650	3.020	1.103	2.666	200 yd.	1.003"	.8228"

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EQUIPMENT DATA

Light Varmint — 10 1/2 lb.

NAME	CAL.	ACTION	BARREL	SCOPE	POWDER	BULLET	GUNSMITH
USA							
Blensinger	6X47	Rem. 660	Hart	Lyman	25.0-R7	Detsch 70	C&P Hart
Burkhart	6X47	Rem. 600	Hart	Lyman	23.0-4198	Detsch 70	C&P Hart
Deming	6X47	Slv. 660	Hart	Lyman	29.0-N203	Detsch 70	Hart
Matyas	6X47	Rem 660	Hart	Leupold	25.0-R7	Own-70	Hart
Smith	6X47	Rem 40X	Hart	Lyman	23.5-4198	Detsch 70	Self
Australia							
Marsden	6X47	Remington	Rem.	Rem.	23.8-4198	Detsch 70	Rem.
Madden	.222	Slv. Rem.	McMillan	Lyman	20.5-4198	McMill.52	PSE Co.
Starkey	.222	Slv. Rem.	Douglas	Redfld.	19.2-4198	Sierra 53	Marden
Miller	.222	Sako	Douglas	Tasco	20.0-4198	Rem. 52	Marden
Canada							
Uno	.222	Rem.	Shilen	Unertl	19.9-4198	Sierra 52	Self
Hobbs	.222	Rem.	Rem.	Rem.	20.5-4198	Rem. 52	Sorenson
Gale	6X47	Rem.	Hart	Lyman	23.0-4198	Sierra 60	Snider
Bulman	.222M	Hart	Hart	Lyman	26.0-4895	Nosler 52	Hart
Watson	.222	Rem.	Rem.	Rem.	23.5-4895	Sierra 53	Rem.
England							
Taylor	.244	Mauser	Douglas	Lyman	43-Nobel	Sierra 60	Self/Pybus
Evans	.222	Sako	Sako	Ajack	21.5Nob.3	Sierra 53	Sako
Clarence	.222	Sako	Douglas	Weaver	20.5Nob.3	Sierra 53	Pybus
Pybus	22/250	Tikka	Tikka	Leupold	34.0Nob.1	Horn'y 53	Self
Minion	.222	B.S.A.	Douglas	Weaver	22.0Nob.2	Sierra 53	Pybus

Heavy Varmint — 10 1/2 lbs.

USA				Lyman	20.5-4198	Rem. 52	Hart
Smeigh	.222	Slv. 40X	Hart	Redfld	20.5-4198	Sherm. 52	Self
Garcelon	.222	Slv. Rm	Hart	Redfld	22.4-RL7	Sherm. 51	C&P Hart
J. Hollister	.222	Slv. 40X	Hart	Redfld	20.5-RL7	Rem. 52	Hart
Ellinger	.222	Rem.	Hart	Redfld	23.0-RL7	Sherm. 51	C&P Hart
M. Holliser	.222	Slv. 40X	Hart				
Australia							
Madden	.222	Slv. Rem.	McMillian	Lyman	20.5-4198	McMil. 52	PSE Co.
Billinghurst	.222	Slv. Rem.	McMillian	Rem.	20.5-4198	Rem. 52	RTM
Giles	.222	Slv. Rem.	McMillian	Redfld	20.5-4198	Rem. 52	PSE Co.
Marden	222 1/2	Slv. Rem.	Douglas	Rem.	26.0-4895	Rem. 52	Marden
Gibbons	.308	Slv. Win.	McMillian	Leup/Sie	39.0-3031	Sierra 168	PSE Co.

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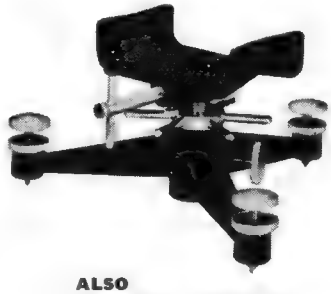

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Canada							
Womack	222M	Hart	Hart	Redfld.	26.6-4895	Detsch 53	Hart
Benedict	.222	Hart	Hart	Redfld.	21.0-RL7	Sierra 52	Hart
Renn	.222	SI.XP100	Hart	Lyman	25.0-748	Own 51	Hart
L. Benedict	.222	Hart	Hart	Redfld.	21.0-RL7	Sierra 52	Hart
Zibresk	.222	FN BR	Hart	Lyman	22.3-4895	Sierra 53	Elliott
England							
Pybus	22/250	S&L	S&L				
Taylor	.244	Mauser	Douglas	Weaver	34.0-Nob.1	Horn'dy 53	S&L
Clarence	6MM	Rem.	Rem.	Lyman	43.0-Nob.1	Sierra 60	Self/Pybus
Leetham	.308	Mauser	Douglas	Tasco	40.5-Nob.1	Sierra 85	Rem.
Minion	22/250	Mauser	Douglas	Weaver	42.5-Nob.1	Lapua 185	Pybus
Bench Rifle				LWBR-20	35.0-Nob.1	Sierra 53	Pybus
USA							
Hart	222Mag	Hart	Hart				
Kleynowski	222 1/2	Hart No. 4	Hart	Lyman	23.5-4198	Rem. 52	Self
Culver	308W	Culver	Hart	Redfld.	22.2RL7	Detsch 53	Ferguson
White	TN22/45	Rem.	Hart	Unertl	40.ORL11	Culver 168	Self
Adamowicz	(Missing)			Unertl	23.5-4198	Rem. 52	Mark
Australia							
Marsden	22/45	Slv. Rem.	Douglas	Lyman	22.0-4740	Rem. 52	Marden
Billinghurst	22/45	Slv. Rem.	Douglas	Lyman	22.0-4740	Rem. 52	Marden
Madden	.308	Rem.	McMillian	Lyman	40.0-3031	Sierra 168	PSE Co.
Marden	.222	Slv. Rem.	Douglas	Unertl	21.0-4198	Rem. 52	Marden
Gibbons	.308	Slv. Win.	McMillian	Leup/Sie.	39.0-3031	Sierra 168	PSE Co.
Canada							
McCracken	.222	Weber	Hart	Unertl	23.5-BL-1	McCra. 53	Hart
Dirks	.222	Hart	Hart	Lyman	21.0-4198	McCra. 51	Hart
Benedict	.308	Hart	Hart	Redfld.	46-H-380	Sierra 168	Hart
Joanisse	.308	Hart	Hart	Redfld.	46-H-380	Sierra 168	Hart
Thomas	222Mag.	SI. Rem.	Hart	Redfld.	29-N203	Sierra 52	Hart

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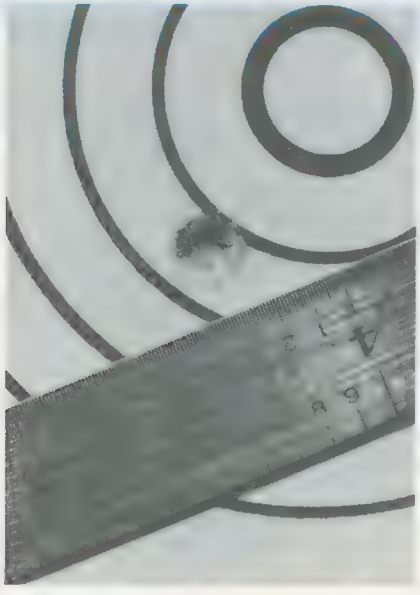

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The Rifleman's Corner

by Gary L. Anderson
R.R. 2
Axtell, Nebraska 68924

Reprinted from Sept., 1970 P.S.

STANDING POSITION BASICS

It has been preceptively said that the standing position is the easiest shooting position to learn and the hardest position to learn well. This article looks at the standing position from the beginning. It is intended for the new position shooter or the teacher of new shooters.

The standing position is an easy position to learn. It is the most natural way for a non-target shooter to pick up a rifle and attempt to hit a target. The position is relatively simple and easy to learn — so easy, in fact, that there are strong arguments for teaching the standing position before the other shooting positions are learned.

The standing position is also the hardest position to learn to shoot well. This is obvious since the position's center of gravity is higher off the ground than in other positions and it has the least amount of support area or position contact with the ground.

The standing position may be relatively simple to get into, but the real secret to good standing position performance is not simply getting a good position but spending many hours and days and weeks and months of practice. This is what makes it difficult because so few people are willing to stick with it on a regular and long-term basis in order to become successful in that position.

For the person who has never done any target shooting in the standing position, getting into a good position is not difficult. The first step in getting into a position is governed by five basic check points. They are (1) the feet, (2) the knees, (3) the left arm, (4) the left wrist and (5) the rifle.

The first thing which must be done in getting into a good standing position is putting the feet in the right place. This is done by turning both feet ninety degrees away from the target, or in such a direction that a line drawn through the balls of the feet would point directly at the target. The feet should be spread approximately shoulder width.

The second check point in assuming a basic standing position is the knees. Here the new shooter must simply make sure he is keeping his knees straight. Many beginners have a tendency to want to bend the right knee, but this again will prevent getting into a really good position. Both legs should be kept straight.

The third beginners check point in standing is the left arm. It is important for the left arm to rest on the left side or for the left elbow to rest on the left hip. This makes it possible to support the weight of the rifle on the side of the body rather than having the muscles of the left arm hold it up.

The fourth check point is the left wrist. The important thing to do here is simply keep the left wrist straight. If the left wrist is allowed to bend as the left hand holds the rifle, the rifle will generally be pointed too low and it will be necessary to bend back too far in order to get it pointed at the target. Keep the left wrist straight so that the entire left arm acts as a brace to hold the rifle up.

The fifth check point, the rifle, is used to make sure the rifle is being held correctly. The rifle is held by the shooter with the right hand on the pistol grip and his right shoulder on the butt plate.

The exact method of supporting the rifle with the left hand becomes important later on as the position develops, but initially, the shooter can hold the rifle any way that feels comfortable. This might include setting it on top of his fist, between the fingers and on the thumb, or on the thumb and first knuckle.

The right hand should grip the pistol grip firmly, but not too tightly,

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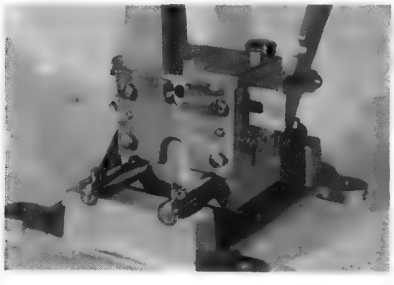

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and should pull the rifle back into the shoulder with moderate pressure.

If these five check points are used in building a standing position by a beginning shooter, he should have a position which will be satisfactory for initial target work. A good way for a beginner to get the feel of the position as well as to develop the ability to hold the rifle in this position is to bring the rifle into position by aiming at the back or blank side of a target. This is done so that the shooter can think about each of the check points and make sure he is doing these things correctly without diverting his attention to aiming.

Getting into position is only half of learning how to shoot standing. The other half of this position is applying the techniques of shooting in standing. These include (1) wobble area recognition (2) centering the hold (3) hold concentration (4) hold timing and (5) trigger release.

As soon as the shooter starts aiming at a bull, he will discover that he cannot hold the rifle perfectly still on the bull in a standing position. The front sight is describing a wobble or hold area on the target. The first thing that must be done in learning to shoot standing is to recognize this wobble area and to accept the fact that the rifle cannot be held still.

The next thing that must be done is to center this wobble area and hold on the target. This careful centering of the hold area is an extremely important fundamental technique for good standing shooting.

As soon as centering the wobble on the target is learned, the next technique to master is concentration on the hold. If a shooter concentrates strongly enough on holding the rifle steady, he will notice that the wobble area actually becomes smaller. This is another extremely important technique in standing.

The next step that must be learned before the actual firing of a shot in standing is the timing of the hold. The shooter will note that once he begins to hold on the target, that he cannot get his hold centered for at least three or four seconds, and that he cannot continue concentrating on a steady hold for more than five or six seconds after that. It is during this five or six second period that the shot must be fired.

A second aspect of hold timing is that attempting to release the trigger can only take place as long as the hold remains centered on the bull. If the wobble area moves off the bull, naturally the trigger release cannot be made.

The final step in standing position shooting is trigger release. Ideally in the standing position, the shooter should start increasing pressure on the trigger as soon as he has centered the hold and has begun his concentration on holding the rifle as steadily as possible. This pressure should continue until the shot fires or until the center hold moves away from the bull. The shooter should never consciously think about forcing the trigger to break, but rather should always concentrate on making his hold as steady as possible.

These are the beginning check points and techniques of the standing position. It is upon these fundamentals that all good standing positions have been built.

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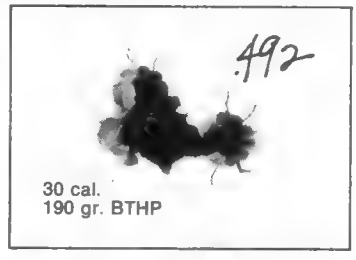

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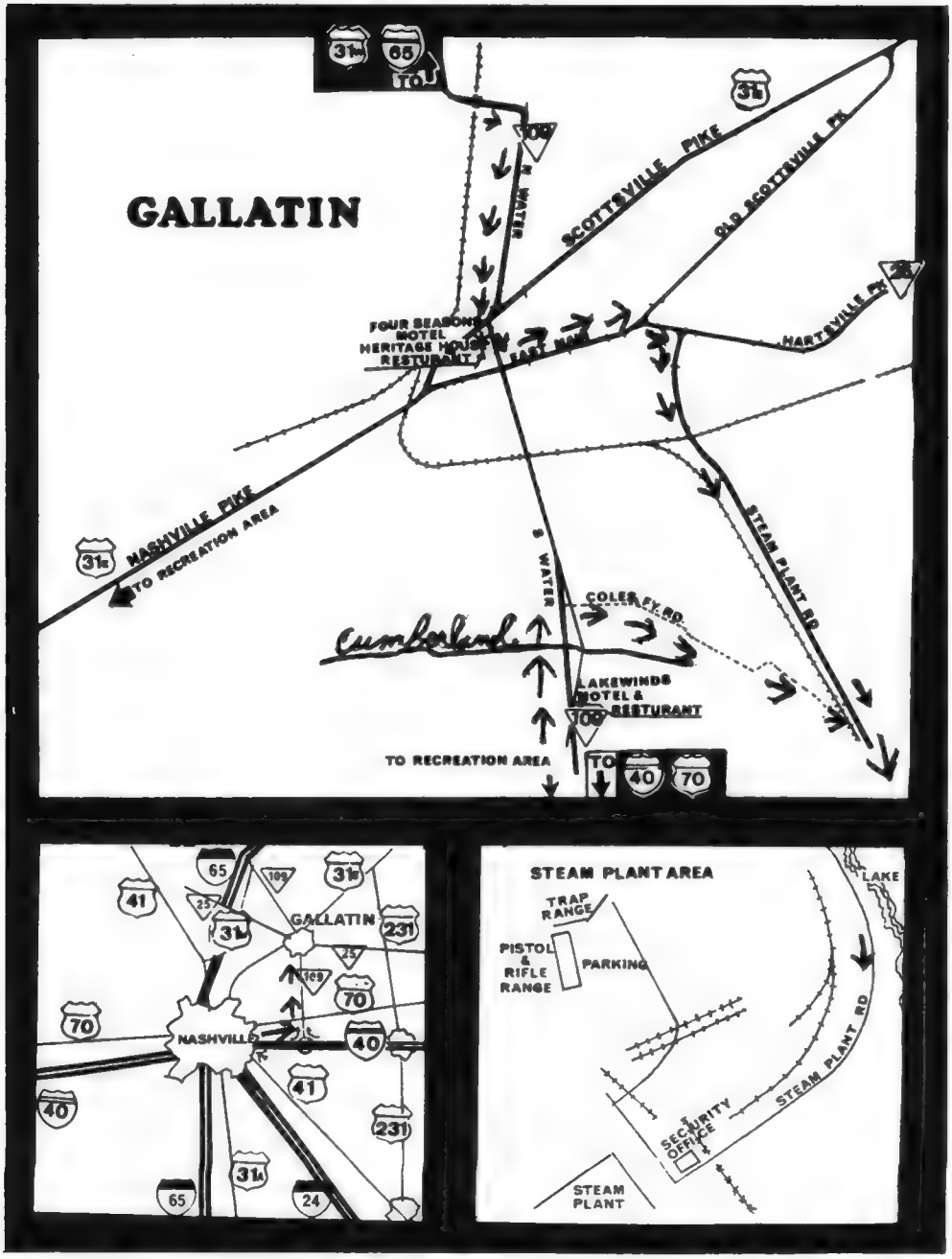
Before You Get Lost

READ THIS

Gallatin Gun Club

To reach the range from the south, east or west, take I-40 to Highway 109. Take 109 toward Gallatin to Coles Ferry Pike, which is at the foot of the Cumberland River Bridge. Take Coles Ferry to Steam Plant Road. Turn right and proceed to the security office. The guard will direct you from there.

For shooters approaching from the north, take I-65 to 109, 109 into Gallatin to intersection with E. Main. Left on E. Main and take the right fork on Hartsville Pike. Turn right on Steam Plant Road to security office. The guard will direct you from there.



Englishtown Benchrest Shooters Association

The Englishtown Range is located on Route 527, just north of town. Travel the New Jersey Turnpike and exit at Exit Number 9. After paying the toll, you take the road marked "To South River". This will take you up onto the southeast bound lanes of Highway 18.

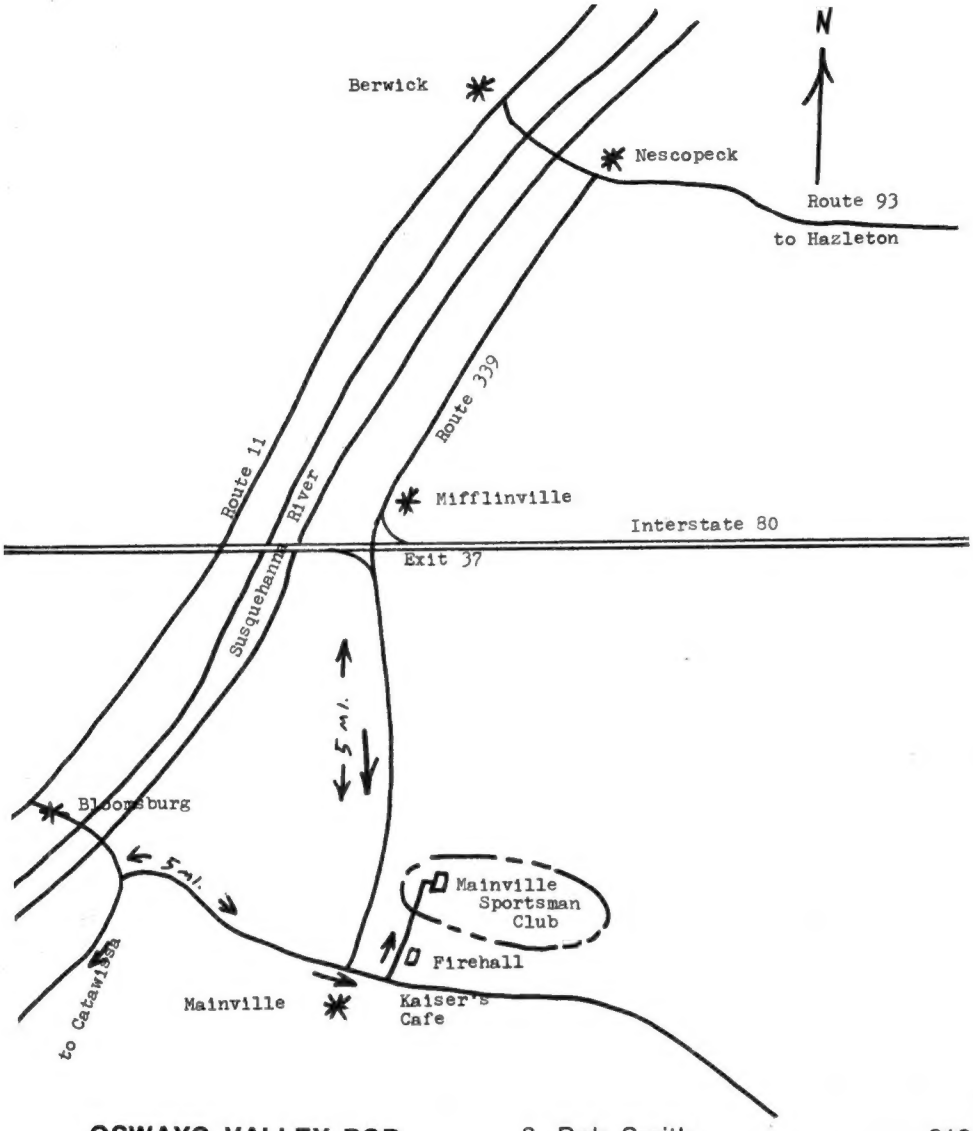
Now, exactly 4.9 miles from the toll gate you will pass the "Red Fox Diner" on the right side of the road. Just a land mark to let you know that you are doing just fine.

When your odometer reads 5.5 miles from the toll gate you turn right at the sign for "Englishtown". This road is Route 527, but it's not posted. Proceed straight ahead down this road until odometer reads 11.7 miles from toll gate. Turn right at sign "Winchester Rifle and Skeet", and go straight ahead to the range. Sign is a large yellow job on the right side of the road.

Happy Shooting!

Everglades Benchrest Rifle Club

Everglades Benchrest Rifle Club holds a non-registered club match (100 & 200) on the second Sunday of every month except in those months when the published schedule of registered matches are held. The range is located 1 mile east and one mile north of Exit No. 36 of the Florida Turnpike. (also known as Lake Worth Road) on Pinehurst Road. Motels, restaurants, a KOA and shopping facilities are all located less than 3 miles from the range. Situated just west of Lake Worth, Fla., the Range is 51 miles north of Miami, via the Turnpike. All our matches usually start about 8:30 a.m.



OSWAYO VALLEY ROD AND GUN CLUB
Millport, Pa.

The Millport Saturday Night Shooters are having a series of winter shoots in 1974. There will be 8 shoots in all. The results of the 1st. three are as follows:

1st Shoot — January 13
MATCH

1. Dick Lockwood ..... .350
2. H. Olson ..... .335
3. C. Gamble ..... .232
4. Dick Lockwood ..... .290
5. H. Olson ..... .194
6. E. Decker ..... .360

C. Gamble

AGGREGATE WINNERS

1. Ed Decker ..... .3384
2. C. Gamble ..... .3926
3. B. Mills ..... .3928
4. Dick Lockwood ..... .4610
5. Bob Smith ..... .4710

Small Group — Olson..... .194

2nd Shoot — January 27
MATCH

1. Bob Smith ..... .393
2. Bob Smith ..... .212
3. E. Haines ..... .366
4. B. Brawnd ..... .483
5. H. Olson ..... .444
6. Ed Decker ..... .260

AGGREGATE WINNERS

1. Bob Smith ..... .4256
2. Terry Detsch ..... .4730
3. Ed Decker ..... .5140
4. Dick Lockwood ..... .5398
5. C. Reeland ..... .5776

Small Group — Bob Smith . .212

3rd Shoot February
MATCH

1. C. Detsch ..... .330
2. Terry Detsch ..... .411
3. C. Detsch ..... .292
4. C. Detsch ..... .335
5. C. Edsall ..... .392
6. Bob Smith ..... .287

AGGREGATE WINNERS

1. C. Detsch ..... .3808
2. C. Gamble ..... .4626
3. Bob Smith ..... .4770
4. B. Cook ..... .4834
5. Terry Detsch ..... .4994

Small Group — Bob Smith . .287

B Mills, Reporter

WESTERN NEW YORK SCHUETZEN SOCIETY 1974 SINGLE SHOT RIFLE MATCH DATES

The 1974 matches will be held at the Alabama Hunt Club, Alabama, N.Y., about 10 minutes from the New York State Thruway. Take Route NY 77 north to the town of Alabama, turn right at the main intersection, follow that road (Lewiston Road) 2 1/2 miles and you are at the range.

The range has a 200 foot covered firing line and is set up for 100 and 200 yard shooting. Matches are governed by the American Single Shot Rifle Association rules.

The match dates are May 19, 1974, July 28, 1974 and September 16, 1974.

Anyone interested in Schuetzen Rifle Shooting is cordially invited to attend our matches. For more information contact Mr. K.R. Hall, Box 7, Pike, New York 14130.

SOUTH CREEK ROD AND GUN CLUB WINTER SHOOT REPORTS

Can the gas shortage, no gas stations open on Sunday and the foul weather stop benchrest shooters? No way — judging from the turnout at the first three winter shoots.

At the first shoot it was Art Blensinger all the way as he paced the match. Wind and weather did not appear to be his enemies that day.

Shoot No. 1

1. Art Blensinger ..... .2736
2. Dick Ellinger ..... .3176
3. Bob Hart ..... .3272
4. Jerry Guilds ..... .3324

Shoot No. 2

1. John Matyas ..... .2950
2. Tony Verengo ..... .3160
3. Wally Hart ..... .3180
4. Tom Fargnoli ..... .3388

Small group went to Tony Verengo with a .166.

Shoot No. 3

1. George Stickler ..... .3332
2. Jack Gutchess ..... .3466
3. Dick Ellinger ..... .3684
4. Jack Deming ..... .3990

Small group went to E. Gates with a .180.

SNO BALL LEAGUE
BLUE TRAIL RANGE, CONN.

The Sno Ball League got under way at the Blue Trail Range and the weather is always rough this time of year. The very comfortable and spacious lounge with its wall to wall carpeting (no kidding), cozy atmosphere and the camaraderie enjoyed by the shooters and their wives over steaming hot coffee and good food from the spotless snack bar more than makes up for the rigors of winter shooting. There is also a well stocked gun shop adjacent to the lounge loaded with goodies of reasonable prices. For those who don't know the Blue Trail Range and those who haven't seen it the past few years, come see us. If not to shoot, just look; nothing like it in the East.

We plan to hold registered matches in 1975 — all classes — we're even talking Schuetzen shoots, too. We've got the facilities; the highways leading to it and best of all the enthusiasm and support of the shooters themselves. All this enhanced by the graciousness of Charlie Lyman.

Match 1 — January 6
Group Aggregate

1. E. Ferguson ..... .333
2. F. Nash ..... .350
3. W. Lucas ..... .356

Score

1. C. Santarpia 391
2. B. Wade 390
3. N. Lafforthun 390

Match 2 — January 20

1. C. Santarpia ..... .379
2. R. Czarkowski ..... .408
3. F. Nash ..... .409

Score

*1. R. Czarkowski 400
2. C. Santarpia 390
3. J. Vinci 389

Match 3 — February 3
Group Aggregate

1. J. Vinci ..... .444
2. D. Smith ..... .493
3. R. Czarkowski ..... .502

Score

1. R. Czarkowski 391
2. H. Kock 390
3. F. Nash 387

*Richie Czarkowski shot a possible for the second time it's been done in the now 11th year of Snow Ball history. A truly notable achievement since it was done on a bitter cold, windy, blustery day. Charlie Santarpia was the first to accomplish this feat several years ago and tho he no longer stands as the only shooter to do it, I'm sure he is only too happy to have Richie stand at his side because tho they are bitter rivals at the bench, they are warm and close friends. That's the nice part of it.

Hunter rifle results not available at this writing. Will report next issue.

Match 4 — Heavy Varmint

The day was raw and cold with a hellish wind that tries mens souls. The less hardy stayed home, though 39 toughies showed their mettle and withstood the weird elements through the day. Some smiling, but most muttering the all too familiar "You don't have to be nuts" cliche.

Group

R. Czarkowski ..... .515
C. Santarpia ..... .546
W. Lucas ..... .639

Score

C. Santarpia 390
R. Czarkowski 385
S. Masker 384

HUNTER
Match No. 1

M. Marino 247 9X
S. Masker 246 7X
D. Rogers 229 6X

Match No. 2

S. Masker 245 5X
M. Marino 239 7X
D. Rogers 237 4X

Match No. 3

L. Preston 234 4X
E. Wilson 233 4X
T. Hildago 226 1X

Match No. 4

S. Masker 239 4X
D. Rogers 235 7X
I. Farnsworth 234 1X

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BENCHREST SHOOTERS CANADA (B.R.S.C.)
Tentative 1974 Schedule

May 4-5
Stittsville Shooting Ranges, Stittsville, Ontario; "The Canadian Open" HV, LV, SP. 100 & 200 Yards.

June 9
Twin City Rifle Club, Inc. Waterloo, Ontario; HV, LV, SP 100 Yards only.

June 22-23
Stittsville Shooting Ranges, "Canadian Nationals" — Eastern Region; HV, LV, SP 100 & 200 Yards.
EXP and BR date to be announced.

July 13-14
Crumlin Sportsmen's Association, London, Ontario; "Crumlin Inagural Match" HV, LV, SP 100 & 200 Yards.

Aug. 3-4-5
Stittsville Shooting Ranges, "Canadian National" 100-200-300 Yard Championships; EXP, BR, HV, LV.

Aug. 24-25
Stittsville Shooting Ranges, "Ontario Varmint Championships" 100 & 200 Yards; HV, LV, SP.

Sept. 8
Twin City Rifle Club, Inc. "2nd. Annual Indian Summer Varmint Match" 100 Yards only; HV, LV, SP.

ORIGINAL PENNSYLVANIA 100 YARD BENCHREST CLUB, INC. 1974 MATCH DATES

April 21
May 12
May 19 Prone Match
May 26
June 9
June 30 IBS Championship
July 14
July 28
August 4 Prone Match
August 11
September 8
September 22
October 6 Prone Match
October 13

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Official IBS 1974 Varmint & BR Schedule

April 20, 21	HV, LV, SP, BR	Gallatin Gun Club, Tenn.
May, 24, 25, 26, 27	HV (Super Shoot)	Council Cup
Juen 22, 23	HV, LV, SP, BR	Gallatin
June 22	HV	Englishtown BRSA, N.J.
July 4, 5, 6, 7	INTER, VAR. & SP CHAMP	South Creek Rod & Gun Club
July 20, 21	HV, SP, BR, EXP.	Council Cup
July 20, 21	HV, LV, SP, BR	Central Kentucky, Richmond
July 27	HV	Englishtown, N.J.
Aug. 3, 4	HV, LV	McKinley, Canton, Ohio
Aug. 10	HV, N.J. State Champ	Englishtown, N.J.
Aug. 17, 18	HV, SP, BR (5 shot)	South Creek Rod & Gun
Aug. 31, Sept. 1	INTER. 200-300 CHAMP	Mainville Sportsman Club
	(RV-combined BR-EXP)	Mainville, Pa.
Sept. 21, 22	HV, LV, SP, BR	Central Kentucky
Sept. 21	HV	Englishtown
Sept. 28, 29	HV, BR, EXP.	Council Cup
Oct. 26, 27	HV, LV, SP, BR	Gallatin

Tentative Varmint & BR Schedule

May 4, 5	HV, LV, SP (Can. open)	Stittsville, Ontario
June 15, 16	HV, LV, N.Y. State Champ	Pine Tree, Johnstown
June 30	INTER. 1000 Yd. CHAMP	Williamsport, Pa.
Sept. 14, 15	INTER. BR-EXP CHAMP.... (also reg. HV)	Pine Tree, Johnstown

Official Hunter Rifle Schedule

April 21	12:00 noon	IWLA, York, Pa.
April 28	12:00 noon	Central Penn Rifle Club
May 5	1:00 p.m.	Sulphur Springs
May 19	12:00 noon	York
May 26	12:00 noon	C.P.R.C.
June 2	1:00 p.m.	Sulphur Springs
June 8	5:00 p.m. (also unreg. HV).	Englishtown
June 16	12:00 noon	York
June 23	12:00 noon	C.P.R.C.
July 13	5:00 p.m.. (also unreg. HV)	Englishtown
July 14	1:00 p.m.	Sulphur Springs
July 21	12:00 noon	York
Aug. 4	1:00 p.m.	Sulphur Springs
Aug. 10	N.J. State Champ 5:00 p.m.	Englishtown
Aug. 18	York Co. Champ 12:00 noon	York
Sept. 8	1:00 p.m.	Sulphur Springs
Sept. 14	5:00 p.m.	Englishtown
Sept. 28, 29	INTER. HUNTER CHAMP	York, Pa.
Oct. 6	12:00 noon	C.P.R.C.
Oct. 20	12:00 noon	York